FIGURE 1

Figure 2

START
(STOP HOST I/O TO VOL. A) ~302

PERFROM DESTAGE OF MODIFIED
DATA ON VOL. A TO UPDATE THE
FLASHCOPY BITMAP ~304

300

IS DESTAGE COMPLETE? ~306

No

YES

WAIT

IS
PREVIOUS PPRC RE-
SYNCHRONIZATION
FROM VOL. B TO VOL. C
COMPLETE? ~308

NO

WAIT FOR
SYNCHRONIZATION TO COMP-
LETE OR END SYNCHRO-
NIZATION? ~310

YES

TRANSFER FLASHCOPY BITMAP TO
PPRC BITMAP ON PPRC PRIMARY
VOL. B ~312

No

PERFORM FLASHCOPY OF
VOL. A TO VOL. B ~314

IS FLASHCOPY
COMPLETE? ~316

YES

RESTORE FLASHCOPY BITMAP FOR
VOL. A
(RESUME HOST I/O TO VOL. A) ~318

No

PERFORM FLASHCOPY OF
VOL. C TO VOL. D ~320

IS FLASHCOPY
COMPLETE? ~322

YES

PERFORM RE-SYNCHORINZATION
PPRC COPY DATA INDICATED
AS CHANGED IN PPRC
BITMAP OF VOL. B TO VOL. C ~324

END

WAIT FOR NEXT INCREMENT AND
CONTINUE TO MAINTAIN FLASH-
COPY BITMAP AS ONE OR MORE
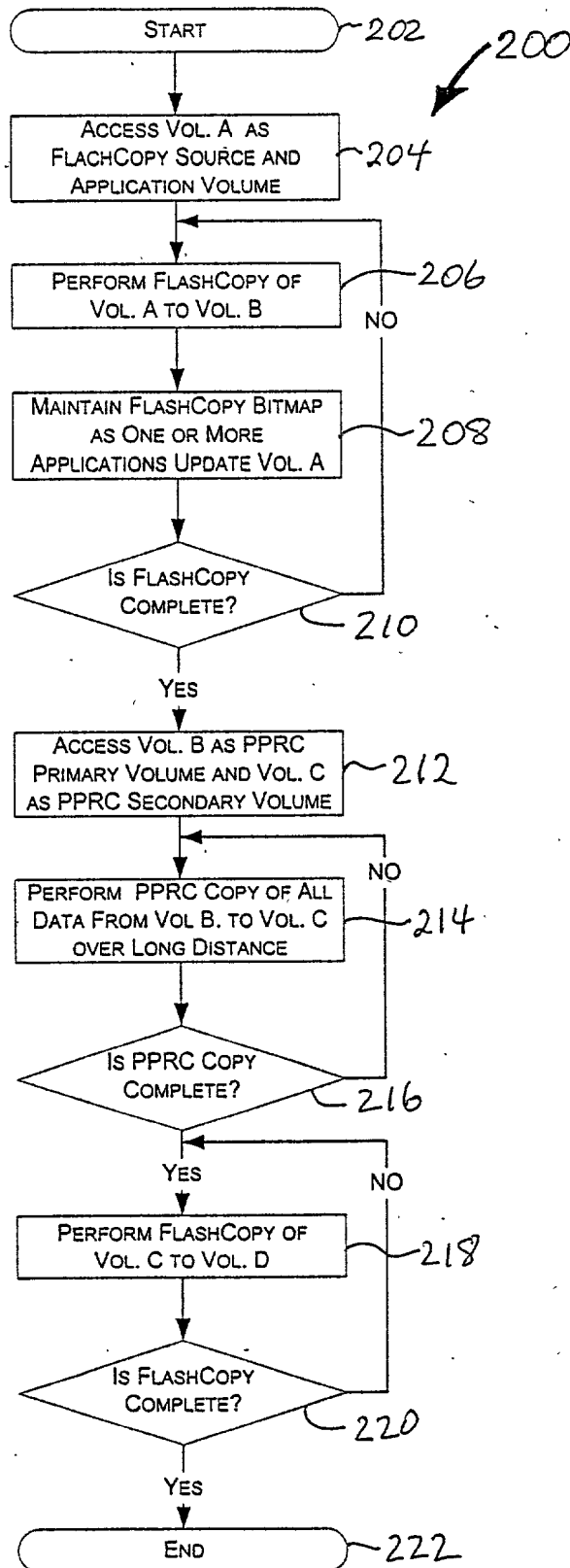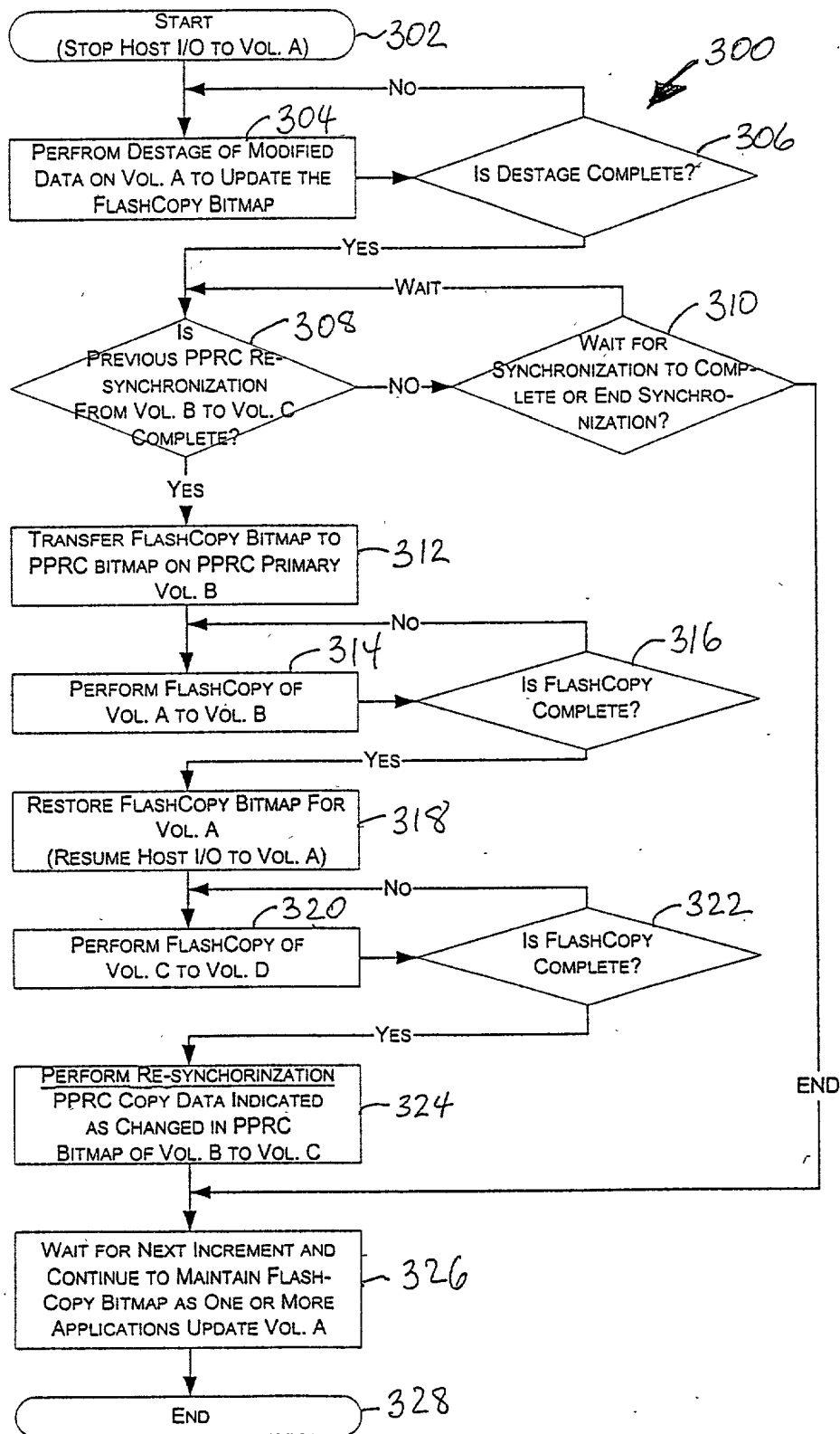APPLICATIONS UPDATE VOL. A ~326

END ~328

Figure 3

400

FIELD NAME	DESCRIPTION
TARGET/SOURCE ADDRESS	IDENTIFIES ADDRESSES OF SOURCE AND TARGET DASDs INVOLVED IN COPY OPERATION
SOURCE START	CONTIANS THE CCHH FOR THE FIRST TRACK ON THE SOURCE
NUMBER OF TRACKS	BINARY COUNT OF TRACKS TO COPY
TARGET START	CONTIANS THE CCHH FOR THE FIRST TRACK ON THE TARGET

402 *404* *406* *408*

Figure 4

FIGURE 5